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United States Patent and Trademark Office
Washington, D.C. 20231
ATTN: **Box Missing Parts**

RECEIVED
JUN 21 2001
Group 2100

Re: U.S. Utility Patent Application
Application No. 09/727,534; Filed 11/28/00
For: **DATA STRUCTURE AND METHOD FOR PIPELINE HEAP-SORTING**
Inventor(s): **NADJ, et al.**
Docket No.: **SIA-P035**

Sir:


The following documents are forwarded herewith for action by the U.S. Patent and Trademark Office:

1. Copy of Notice To File Missing Parts of Nonprovisional Application dated 4/5/2001;
2. Copy of Notice of Non-Recordation of Document - ID No. 101549596 dated 2/21/2001 and submitted on 3/6/01;
3. Copy of an **original, executed** Combined Declaration and Power of Attorney by named inventors submitted with Notice of Non-Recordation of Document - ID No. 101549596 - on 3/6/2001;
4. Copy of Form PTO-1082 submitted with Notice of Non-Recordation of Document - ID No. 101549596 - on 3/6/2001;
5. Copy of Form PTO-1595 (Recordation Cover Sheet for Assignment) submitted with Notice of Non-Recordation of Document - ID No. 101549596 - on 3/6/2001;
6. Copy of an **original, executed** Assignment to **SILICON ACCESS NETWORKS, INC.**, executed by named inventors, recordation of which is hereby requested, submitted with Notice of Non-Recordation of Document - ID No. 101549596 - on 3/6/2001;
7. Copy of Express Mail Receipt dated 3/6/2001 for Notice of Non-Recordation;
8. Copy of Return Receipt Postcard dated 3/6/2001 for Notice of Non-Recordation;
9. Form PTO-1082 (in duplicate);
10. A return post card; and,
11. Check No. 6082 for \$ 65.00 to cover:
Oath and declaration surcharge: \$ 65.00

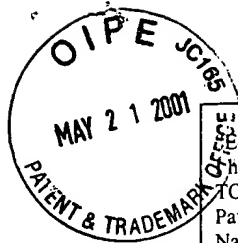
It is respectfully requested that the attached postcard be stamped with the receipt date of the above documents and returned to the addressee as soon as possible.

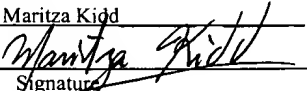
Respectfully submitted,

05/21/01
Date


PETER C. SU
Reg. No. 43,939

FERNANDEZ & ASSOCIATES, LLP
PATENT ATTORNEYS
PO BOX D
MENLO PARK, CA 94026-6204
(650) 325-4999
(650) 325-1203 FAX
EMAIL: iploft@iploft.com



Certificate of Mailing By "U.S. Express Mail" Under 37 C.F.R. 1.10(c)	
EXPRESS MAIL" Mailing Label Number: EL6903A1761US	Date of Deposit: 05/21/2001
I hereby certify that this paper and/or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to the Assistant Commissioner For Patents, Washington, DC 20231.	
Name: Maritza Kidd	
	05/21/2001
Signature	Signature Date

Docket No. : SIA-P035

TRANSMITTAL LETTER

Assistant Commissioner of Patents
United States Patent and Trademark Office
Washington, D.C. 20231
ATTN: BOX MISSING PARTS

Sir:

Transmitted herewith for patent application no. 09/727,534, filed 11/28/2000 of:

Inventor(s): **NADJ, et al.**

Entitled: **DATA STRUCTURE AND METHOD FOR PIPELINE HEAP-SORTING**

Are enclosed the following documents:

- ☒ Executed Combined Declaration and Power of Attorney for Patent Application (copy)
- ☒ An Original Executed Assignment of the Application (copy)
- ☒ Form PTO-1595 (Recordation Cover Sheet for Assignment) (copy)
- ☒ Notice of Non-Recordation of Document (ID No. 101550659)
- ☒ Notice To File Missing Parts of Nonprovisional Application
- ☐ Verified Statement Claiming Small Entity Status with Cover Sheet
- ☐ An Information Disclosure Statement (Form PTO-1449A and Form PTO-1449B)
- ☐ A copy of References cited in Information Disclosure: _____ documents

FEES DUE

The fees due for filing the application pursuant to 37 C.F.R. 1.16 and for recording the Assignment, if any, are determined as follow:

CLAIMS					
	No. of Claims		Extra Claims	Rate	Fees
Basic Application Fee (\$710 large entity; \$355 small entity)					\$.00
Total Claims		Minus 20 =		X \$18 = X \$ 9 (small) =	.00
Total Independent Claims		Minus 3 =		X \$78 = X \$39 (small) =	.00
If Multiple Dependent Claims are presented, add \$260.00 or \$130.00(small)					
Oath of Declaration surcharge					65.00
Assignment Recordation fee \$40.00 paid on filing date 11/28/00					.00
TOTAL APPLICATION FEE DUE					\$ 65.00

PAYMENT OF FEES

The full fee due in connection with this communication is
and is provided as follows:

\$ 65.00

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____ The Commissioner is hereby authorized to charge the fees associated with this communication or credit any overpayment to **Deposit Account No: 500482**. A duplicate copy of this authorization is enclosed.

X A Check No. 6082 for the above specified full fee is enclosed. However, in case Applicant inadvertently miscalculated any required fee, the Commissioner is hereby authorized to charge the necessary additional amount associated with this communication or credit any overpayment to **Deposit Account No: 500482**. A duplicate copy of this authorization is enclosed.

____ Applicant does not believe that any payment of fee is needed in association with this communication. However, should Applicant inadvertently miscalculated the required fee, the Commissioner is hereby authorized to charge any necessary amount associated with this communication or credit any overpayment to **Deposit Account No: 500482**.

This application is filed pursuant to 37 C.F.R. 1.53 in the name of the above-identified Inventor(s).

Please direct all correspondence concerning the above-identified application to the following address:

FERNANDEZ & ASSOCIATES, LLP
PATENT ATTORNEYS
PO BOX D
MENLO PARK, CA 94026-6204

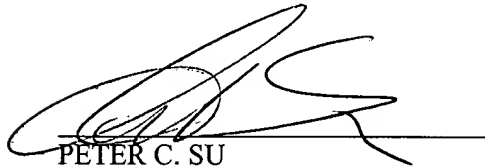
(650) 325-4999
(650) 325-1203 : FAX
EMAIL: iploft@iploft.com



22877

PATENT TRADEMARK OFFICE

Respectfully submitted,


PETER C. SU
Reg. No. 43,939

05/21/01
Date



BOX PATENT APPLICATION

Applicants: Nadi, et al
Application No.: 09/727,534
Filed: 11/28/2000

Art Unit: not yet assigned
Examiner: not yet assigned
Atty Docket: SIA - P035

Title: DATA STRUCTURE AND METHOD FOR PIPELINE HEAP-SORTING

When receipt stamp is placed hereon, the USPTO acknowledges the receipt of the following:

- ☒ A Transmittal Letter For Below-Marked Correspondences
- ☐ Non-Provisional Application: pages, including Title page, Claims and Abstract
- ☐ sheets of Informal / Formal Drawings
- ☒ Executed Combined Declaration and Power of Attorney for Patent Application
- ☒ Form PTO-1082 (w/Duplicate)
- ☒ Form PTO-1595 (Recordation Cover Sheet for Assignment)
- ☒ An Assignment of Invention
- ☐ An Information Disclosure Statement Transmittal
- ☐ Form 1449A and Form 1449B
- ☐ An Amendment/ Response to An Official Action
- ☐ A Check # For Amount \$
- ☒ Notice of Non-Recordation of Document (ID No. 101549596)

J1041 U.S. PTO

09/799793

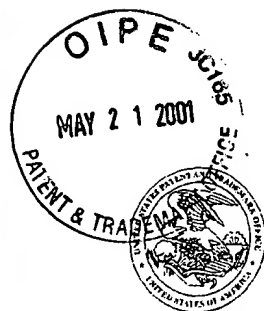


03/06/01

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WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/727,534	11/28/2000	Paul Nadj	SIA-P035

22877
FERNANDEZ & ASSOCIATES LLP
1047 EL CAMINO REAL
SUITE 201
MENLO PARK, CA 94025

CONFIRMATION NO. 9960

FORMALITIES LETTER



OC000000005938335

Date Mailed: 04/05/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- o The oath or declaration is unsigned.
- o To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- o The balance due by applicant is \$ 65.

*A copy of this notice **MUST** be returned with the reply.*

Tequest Woldeyes
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

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